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TITLE: ATM link statistical multiplexing method with  
two-level classification  
- provides e.g. 10 percent more virtual connections by  
subdivision of class  
characterised by more favourable results of sigma rule  
algorithm

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DE 19649649 A1	007	H04L 012/56	June 4, 1998	N/A
AU 715702 B	000	H04Q 011/04	February 10, 2000	N/A
WO 9824260 A1	000	H04Q 011/04	June 4, 1998	G
AU 9853068 A	000	H04Q 011/04	June 22, 1998	N/A
EP 941630 A1	000	H04Q 011/04	September 15, 1999	G
CN 1238897 A	000	H04Q 011/04	December 15, 1999	N/A

DESIGNATED-STATES: AU CA CN US AT BE CH DE DK ES FI FR GB  
GR IE IT LU MC NL PT S  
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AU 715702B	November 7, 1997	N/A	1998AU-0053068

AU 715702B	Previous Publ.	AU 9853068
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BASIC-ABSTRACT: The method provides a number of virtual connections for transmission of ATM cells over a connecting line, and further connections divided into two classes. Class S covers all virtual connections for which the sigma rule gives significantly better statistical multiplexing than peak cell rate reservation. Class P covers all other virtual connections and especially those with constant bit rate.

Subdivisions of Class S are defined by a lower or upper limit of peak cell rate and the ratio of sustainable to peak rate. Transmission parameters or their combinations are stored at a network node and actualised when an ATM link is set up or broken.

ADVANTAGE - ATM cell transmission is more efficient with automatic selection of most favourable class.

CHOSEN-DRAWING: Dwg.0/3

TITLE-TERMS:

ATM LINK STATISTICAL MULTIPLEX METHOD TWO LEVEL CLASSIFY  
MORE VIRTUAL CONNECT  
SUBDIVIDED CLASS CHARACTERISTIC MORE FAVOUR RESULT SIGMA  
RULE ALGORITHM

DERWENT-CLASS: W01

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